

Region	Proposal #	Applicant	Project Title	Priority	Amount
AKRO	21AKR006-004	Alaska Department of Fish and Game	Improving the Genetic Baseline of Western Alaska Chinook Salmon for Mixed Stock Analysis (MSA) in the Bering Sea	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 115,881.00
AKRO	21AKR001-006	University of Alaska Fairbanks	Development of a Management Strategy Evaluation Framework for Subsistence Salmon Fisheries of the Kuskokwim River Watershed	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 266,186.00
AKRO	21AKR013-010	Alaska Seafood Marketing Institute	Increasing Market Access and Consumer Confidence with Trusted Nutrient and Contaminant Data and Outreach for Alaska Seafood	Priority #1 Promotion, Development and Marketing	\$ 298,450.00
GARO	21GAR044-003	Gulf of Maine Research Institute	Implications of resolving a mismatch in the scale of Atlantic cod fishery management	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 247,161.00
GARO	21GAR046-066	Cornell Cooperative Extension of Suffolk County	Assessment of an Alternate Frequency Pinger to Mitigate Gray Seal Interaction in the Northeast Sink Gillnet	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 206,279.00
GARO	21GAR045-083	Cornell Cooperative Extension of Suffolk County	Conservation Gear Technology- Quantifying Bycatch Reduction Benefits of an Excluder in the Small Mesh Fisheries of the Northeast with Focus on Red Hake	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 249,246.00
GARO	21GAR016-058	Virginia Polytechnic Institute and State University	Commercial Enhancement of Bivalve Hatchery Sustainability Through Applied Technology Application	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 169,828.00
GARO	21GAR024-105	Woods Hole Oceanographic Institution	Novel Bottom Culture of Sugar Kelp (Saccharina latissima) for Diversifying Marine Farms	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 151,806.00
GARO	21GAR004-025	University of Maryland Baltimore County	Knowledge is Power: Decreasing Impediments for Shellfish Aquaculture On The US and Gulf Coasts Through Set	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 299,376.00

GARO	21GAR022-081	Virginia Institute of Marine Science	Economic and environmental feasibility of soft-shell clam aquaculture in Virginia	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 300,000.00
GARO	21GAR047-031	Rhode Island Department of Environmental Management	Realizing the Full Potential of Rhode Island Seafood in Rhode Island - a statewide seafood marketing and promotion campaign to bolster the market for Rhode Island seafood in Rhode	Priority #1 Promotion, Development and Marketing	\$ 300,000.00
GARO	21GAR041-080	Cornell Cooperative Extension of Suffolk County	Increasing Local Seafood Consumption Through Demo, Dialogue and Donations	Priority #1 Promotion, Development and Marketing	\$ 63,668.00
GARO	21GAR055-069	University of Maine System acting thru University of Maine	Improving the marketability, quality and value of US caught Atlantic bluefin tuna	Priority #1 Promotion, Development and Marketing	\$ 296,879.00
GARO	21GAR010-086	Virginia Institute of Marine Science	Evaluating production constraints and consumer demand in an emerging blue catfish (Ictalurus furcatus) fishery	Priority #1 Promotion, Development and Marketing	\$ 256,103.00
GARO	21GAR051-091	American Littoral Society	Promoting the Resurgence of the New Jersey Oyster Through Shell Recycling	Priority #1 Promotion, Development and Marketing	\$ 300,000.00
PIRO	21PIRO27-009	Poseidon Fisheries Research LLC	Community Management of a Data and Capacity Limited Coral Reef Fishery in American Samoa	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 198,806.00
PIRO	21PIRO30-006	University of Central Florida Board of Trustees	Moving toward Science-driven Management of Bottomfish Stocks in Guam and the CNMI	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 300,000.00
PIRO	21PIRO43-011	PACIFIC AMERICAN FOUNDATION	Establishing a Supply and Training Program for Aquaculture Production of Hawaiian Sea Cucumber	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 299,154.00

PIRO	21PIR033-012	Oceanic Institute of Hawaii Pacific University	Engaging Hawaii's Fishing Community to Establish Marine Aquaculture Techniques for Kumu, an Endemic Hawaiian Goatfish (<i>Parupeneus porphyreus</i>)	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 295,409.00
PIRO	21PIR023-010	Pacific Islands Fisheries Group	Development of Hawaii Squid Fishery and Marketable Products	Priority #1 Promotion, Development and Marketing	\$ 119,283.00
PIRO	21PIR028-007	REPUBLIC OF PALAU	Operationalizing offshore pelagic fisheries in the Palau National Marine Sanctuary (PNMS) through a public-private partnership to benefit local	Priority #1 Promotion, Development and Marketing	\$ 300,000.00
PIRO	21PIR011-018	Hawaii Seafood Council	Hawaii Seafood Marketing in the age of COVID	Priority #1 Promotion, Development and Marketing	\$ 300,000.00
PIRO	21PIR036-002	University of Hawaii	Hawaii Seafood Culinary Best Practice Digital Promotion	Priority #1 Promotion, Development and Marketing	\$ 299,985.00
PIRO	21PIR032-016	MarAlliance	Expanding Domestic Marketing and Commercial Export Opportunities for Micronesian Value-added Nearshore Pelagic Fish Products	Priority #1 Promotion, Development and Marketing	\$ 299,035.00
SERO	21SER027-035	Texas A&M University - Corpus Christi	Methylation-Based Aging: An Efficient Approach to Mass-ageing Fisheries Species	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 297,986.00
SERO	21SER023-025	University of Georgia Research Foundation, Inc.	Strengthening the Georgia hard clam industry through expansion into southern quahog, <i>Mercenaria campechiensis</i> , mariculture.	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 229,704.00
SERO	21SER001-056	Ankers Subsea LLC	Alabama Off Bottom Oyster Wet Storage and Depuration Facility Pilot Project Using Vacuum Air Lift (VAL) Technology	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 300,000.00

SERO	21SER038-020	Florida Atlantic University	A Fishers-Operated Queen Conch Hatchery for Growout of Sustainable Seafood for Local Markets in Puerto Rico (Tracking# 21SER020)	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 299,283.00
SERO	21SER037-053	Two Docks Shellfish, LLC	Enhancing Marine Aquaculture in the Tropical U.S.: Methods for sustainable commercial co-cultivation of shellfish and seaweed in Florida	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 264,480.70
SERO	21SER022-027	University of Florida	Refining Culture Methods to Improve Aquaculture Production of Hogfish (<i>Lachnolaimus maximus</i>)	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 300,000.00
SERO	21SER034-036	Gullah Geechee Chamber Foundation Inc	Promoting Gullah Geechee Maritime Cultural Heritage and Enhancing Economic Resilience through a Gullah Geechee Seafood Trail	Priority #1 Promotion, Development and Marketing	\$ 282,768.00
SERO	21SER025-050	Louisiana State University Agricultural Center	Improving U.S. wild catfish market opportunities through improved cold chain management and packaging	Priority #1 Promotion, Development and Marketing	\$ 299,598.00
SERO	21SER008-013	North Carolina State University	Collaboration with local fish processing industry to convert fish trimmings and skins into value added fish meal and fish oil to promote sustainability	Priority #1 Promotion, Development and Marketing	\$ 265,625.00
SERO	21SER006-034	Oyster South Company	Know Thy Oysters: Evaluating the Effectiveness of Seafood Server Training Programs to Increase Sales of American Seafood	Priority #1 Promotion, Development and Marketing	\$ 299,413.00
WCRO	21WCR003-019	University of Washington	Development and testing of a fish oil diffuser as an alternative method of baiting crab pots	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 67,283.00
WCRO	21WCR006-013	University of Washington	Increasing US fisheries yields by reducing bycatch: the potential of dynamic ocean management and other tools to adapt to climate change	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 258,483.00

WCRO	21WCR013-016	Pfleger Institute of Environmental Research	Expanding selective fishing operations and supporting management of opah off the California coast.	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 260,500.00
WCRO	21WCR012-029	Pacific Shellfish Institute	Understanding Triploid Pacific Oyster Mortalities on the U.S. West Coast	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 299,853.00
WCRO	21WCR004-009	Swinomish Indian Tribal Community	Building resiliency in tribal fishing communities: Using Indigenous aquaculture techniques to enhance clam production	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 299,060.00
WCRO	21WCR016-026	Puget Sound Restoration Fund	From nuisance to profit: Monetizing seaweeds and cockles that foul shellfish aquaculture farms	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 298,017.00
WCRO	21WCR010-033	Oregon State University	Liposome-based microparticles for improved nutrition and production efficiency of marine fish larvae	Priority # 2 Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$ 299,962.00
WCRO	21WCR009-006	Saraspe Seafoods	The Local Fish Initiative: Developing a Hybrid Restaurant & Community Supported Fishery Model and Web-Based Marketing Tool Built for <u>Fishermen and Consumers</u>	Priority #1 Promotion, Development and Marketing	\$ 299,494.00
WCRO	21WCR018-017	Aquarium of the Pacific	Developing Effective, Low-Cost Community Outreach Tools for Fishers and Seafood Farmers	Priority #1 Promotion, Development and Marketing	\$ 240,139.00